INTERNATIONAL SEARCH REPORT

Internation pplication No PCT/EP 03/07185

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01M17/02 B60C23/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G01M} & \mbox{B60C} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	· Relevant to claim No.
Α	US 2003/058118 A1 (WILSON KITCHENER C) 27 March 2003 (2003-03-27) cited in the application paragraphs '0064!-'0068!,'0178!,'0179!; claims 42,57,59,60,62,94; figures 3-5	1-14, 20-47
А	EP 1 293 362 A (CONTINENTAL AG) 19 March 2003 (2003-03-19) paragraphs '0015!,'0018!,'0019!; claim 1; figures	1-14, 20-47
Α	US 5 793 285 A (WEHINGER HORST) 11 August 1998 (1998-08-11) column 4, line 19 - line 23; figures	1-14, 20-47

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 21 January 2004	Date of mailing of the international search report 11/02/2004
Name and mailing address of the IS^ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Peschel, W

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A	WO 03 016115 A (CONTINENTAL TEVES AG & CO OHG ;KELLER LOTHAR (DE); KOEBE ANDREAS () 27 February 2003 (2003-02-27) cited in the application claim 1; figure 1	1-14, 20-47
A	DE 39 16 176 A (BAYERISCHE MOTOREN WERKE AG) 22 November 1990 (1990-11-22) column 2, line 30 - line 66 column 3, line 32 - line 52; claim 1; figure	1-14, 20-47
A	US 6 538 566 B1 (SIRVEN JACQUES ET AL) 25 March 2003 (2003-03-25) column 4, line 15 -column 5, line 14; claims; figures 6-9	1-14, 20-47

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